BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to roads and drains at Shettyhalli old village Laxmi Narasimhaswamy Temple surrounding roads in ward no 12 Shettyhalli Sub Division.

JOB NUMBER.: | Sl.No 3 | Est. Amount = | 190.00 | Lakhs

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
1	KSRRB300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. (Page No.-143 I.No-19.1 of KPWD S.R 2018-19)								
	Lakshmi Narasimha swamy Temple								
	Temple Rd frm Shettyhalli Mn Rd	Cum	1	173.10	1.10	1.00	190.41		
	CrossRoad-1		2	98.00	1.10	1.00	215.60		
	CrossRoad-2		2	72.00	1.10	1.00	158.40		
	CrossRoad-3		2	145.00	1.10	1.00	319.00		
	CrossRoad-4		1	200.00	1.10	1.00	220.00		
	Shettyhalli Main Road Frm Colony Main Road to Railway gate		1	283.00	1.10	1.00	311.30		
	Union Bank ATM beside Road		2	208.00	1.10	1.00	457.60		
	3rd Cross Nandana Nagar		2	234.00	1.10	1.00	514.80		
						Total Qty	2387.11	207.60	4,95,564.04
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100 (Page No. 222, It No. 27.18 of KPWD S.R 2018-19)								
	Lakshmi Narasimha swamy Temple								
	Temple Rd frm Shettyhalli Mn Rd	Cum	1	173.10	1.10	0.15	28.56		
	CrossRoad-1		2	98.00	1.10	0.15	32.34		
	CrossRoad-2		2	72.00	1.10	0.15	23.76		
	CrossRoad-3		2	145.00	1.10	0.15	47.85		
	CrossRoad-4		1	200.00	1.10	0.15	33.00		
	Shettyhalli Main Road Frm Colony Main Road to Railway gate		1	283.00	1.10	0.15	46.70		
	Union Bank ATM beside Road		2	208.00	1.10	0.15	68.64		
	3rd Cross Nandana Nagar		2	234.00	1.10	0.15	77.22		
						Total Qty	358.07	5421.90	19,41,419.73
3	KSRB 4.9.2 : Providing TMT bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 (Page No.-18I.No-4.46.2 of KPWD S.R 2018-19)								
	For Drain								
	One cubic mt 70kg For Drain	Tonne	1	52.41			52.41		
						Total Qty	52.41	72326.98	37,90,657.02
4	Providing and laying plain/reinforced cement concrete for side drains Wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500,1700, 2200. including cost of materials, labour, HOM complete as per specifications.(Page No.-271 I.No-37.59.2 of KPWD S.R 2018-19)								
	Bottom Slab								

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Lakshmi Narasimha swamy Temple	Cum							
	Temple Rd frm Shettyhalli Mn Rd		1	173.10	1.10	0.15	28.56		
	CrossRoad-1		2	98.00	1.10	0.15	32.34		
	CrossRoad-2		2	72.00	1.10	0.15	23.76		
	CrossRoad-3		2	145.00	1.10	0.15	47.85		
	CrossRoad-4		1	200.00	1.10	0.15	33.00		
	Shettyhalli Main Road Frm Colony Main Road to Railway gate		1	283.00	1.10	0.15	46.70		
	Union Bank ATM beside Road		2	208.00	1.10	0.15	68.64		
	3rd Cross Nandana Nagar		2	234.00	1.10	0.15	77.22		
	Side Wall								
	Lakshmi Narasimha swamy Temple								
	Temple Rd frm Shettyhalli Mn Rd		2	173.10	0.15	0.60	31.16		
	CrossRoad-1		4	98.00	0.15	0.60	35.28		
	CrossRoad-2		4	72.00	0.15	0.60	25.92		
	CrossRoad-3		4	145.00	0.15	0.60	52.20		
	CrossRoad-4		2	200.00	0.15	0.60	36.00		
	Shettyhalli Main Road Frm Colony Main Road to Railway gate		2	283.00	0.15	0.60	50.94		
	Union Bank ATM beside Road		4	208.00	0.15	0.60	74.88		
	3rd Cross Nandana Nagar		4	234.00	0.15	0.60	84.24		
						Total Qty	748.69	7070.20	52,93,388.04
5	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of cost of all materials(data Rate enclosed)								
	New CC Drain	Sqm							
	Lakshmi Narasimha swamy Temple								
	Temple Rd frm Shettyhalli Mn Rd		1	173.10	0.90		155.79		
	CrossRoad-1		2	98.00	0.90		176.40		
	CrossRoad-2		2	72.00	0.90		129.60		
	CrossRoad-3		2	145.00	0.90		261.00		
	CrossRoad-4		1	200.00	0.90		180.00		
	Shettyhalli Main Road Frm Colony Main Road to Railway gate		1	283.00	0.90		254.70		
	Union Bank ATM beside Road		2	208.00	0.90		374.40		
	3rd Cross Nandana Nagar		2	234.00	0.90		421.20		
						Total Qty	1953.09	2208.00	43,12,422.72
6	Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work (data Rate enclosed)								
	Culverts	Sqm	3	5.10	1.20		18.36		
			20	0.60	1.20		14.40		
						Total Qty	32.76	5241.00	1,71,695.16
	Damaged Slab							Total Construtions cost	160,05,146.71
								GST 12%	19,20,617.61
								Design Report,Proof Checking & PMC Amount	3,52,113.23
								KRIDL Charges 4.5%	7,20,231.60

Sl. No	Description of Work	Unit	No	Dimension			Quantity	Rate In Rs.	Amount in Rs.
				L	B	D			
								Sub Total	189,95,052.77
								Miscellaneous & Rounding Off	4,947.23
								Grand Total	190,00,000.00

Certificate:-

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2018-19
4. The provisions made in the estimate are necessary and essential.

SKYLINE ENGINEERING CONSULTANCY

Consultant
For Skyline Engineering Consultancy

Assistant Engineer
Ward 12
BBMP - Bangalore

Assistant Executive Engineer
Shettyhalli Sub-Division
BBMP - Bangalore

Executive Engineer
Dasarahalli
BBMP - Bangalore

ಸಂ. EE/DD/AS/150/18-19 ದಿನಾಂಕ : 12.2.19
ರೂ. one crore ninety lakhs only (Rs. 190.00 lakhs only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ಸಂ. CE/DZ/15/147/18-19 ದಿನಾಂಕ : 12/02/2019
ರೂ. 190.00 lakhs/- (One crore ninety lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.